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M-15339 US

NOV 25 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**Applicant(s): Xiang Zhu, et al.****Title: CHARGE PUMP FOR A LOW-VOLTAGE WIDE-TUNING RANGE
PHASE-LOCKED LOOP****Serial No.: 10/817,215 Filing Date: April 2, 2004****Examiner: Anh Quan Tra Group Art Unit: 2816****Docket No.: M-15339 US Confirmation No.: 2417**

Irvine, California
November 25, 2005

Via Facsimile to (571) 273-8300

Mail Stop AMENDMENT
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Dear Sir:

This responds to the Office Action mailed on August 30, 2005. Please
amend the above-identified application as follows: